PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	EOD EUDTUED				
Approact of agont o mo received	FOR FURTHER	see Form PCT/ISA/220			
P-2003-018WO ACTION as well as, where applicable, item 5 below.					
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)			
PCT/EP2004/009283	19/08/2004 21/08/2003				
Applicant					
BERNAFON AG					
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Au ansmitted to the International Bureau.	thority and is transmitted to the applicant			
This International Search Report consists	of a total of A shoots				
This also accompanied by	a copy of each prior art document cited in thi	s report.			
Basis of the report					
a. With regard to the language, the	international search was carried out on the ba	asis of the international application in the			
anguage in which it was lifed, this	ess otherwise indicated under this item.				
The international this Authority (Ru	search was carried out on the basis of a trans le 23.1(b)).	slation of the international application furnished to			
b. With regard to any nucleo	otide and/or amino acid sequence disclose	d in the international application, see Box No. I.			
2. Certain claims were fou	nd unsearchable (See Box II).				
3. Unity of invention is lact	king (see Box III).				
4. With regard to the title,					
X the text is approved as su	bmitted by the applicant.				
the text has been establis	hed by this Authority to read as follows:				
		•			
5. With regard to the abstract,					
X the text is approved as su	bmitted by the applicant.				
the text has been establis	hed, according to Rule 38.2(b), by this Autho	rity as it appears in Box No. IV. The applicant			
may, within one month fro	m the date of mailing of this international sea	rch report, submit comments to this Authority.			
C With appearing to the desired		•			
6. With regards to the drawings,	. A P. A A	•			
	ublished with the abstract is Figure No. 1	Appendix of the Control of the Contr			
X as suggested by t		,			
as selected by this	s Authority, because the applicant failed to su	iggest a figure.			
	s Authority, because this figure better charact	terizes the invention.			
b. none of the figures is to be	published with the abstract.				

International Application No PCT/EP2004/009283

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A. CLASS IPC 7	SIFICATION OF SUBJECT MATTER H04R25/00 G10L21/02 H04R3,	/00		
	to International Patent Classification (IPC) or to both national clas	sification and IPC		
	S SEARCHED	M. 4.		
IPC 7	documentation searched (classification system followed by classification s	cation symbols)		
Document	ation searched other than minimum documentation to the extent the	nat such documents are included in the field	ds searched	
	data base consulted during the international search (name of data nternal, WPI Data, PAJ, INSPEC, CON		used)	
	MENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the	e relevant passages	Relevant to claim No.	
A	WITTKOP, T AND HOHMANN, V.: "Strategy-selective noise reductions and the second	ction for	1,3	
binaural digital hearing aids" SPEECH COMMUNICATION, vol. 39, January 2003 (2003-01), pages				
	111-138, XP002266432 page 111 - page 125; figure 8 page 136 - page 137			
A	WITTKOP T ET AL: "SPEECH PROCE HEARING AIDS: NOISE REDUCTION N MODELS OF BINAURAL INTERACTION' ACTA ACUSTICA, EDITIONS DE PHYS ULIS CEDEX, FR, vol. 83, no. 4, 1997, pages 684 XP000884158 abstract; figure 6	1,3		
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X Fur	ther documents are listed in the continuation of box C.	X Patent family members are lie	sted in annex.	
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 		
	e actual completion of the international search	Date of mailing of the international	-	
2	20 October 2004	27/10/2004	·	
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk	Authorized officer		
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Gerken, S		

International Application No
PCT/EP2004/009283

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT						
Category °						
	passages		Relevant to claim No.			
Α	US 6 430 528 B1 (RICKARD SCOTT T ET AL) 6 August 2002 (2002-08-06) cited in the application abstract column 6, line 49 - column 7, line 7; figure 3		1			
A	EP 1 326 478 A (PHONAK AG) 9 July 2003 (2003-07-09) abstract column 22, line 11 - column 24, line 57		2			
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	10 (continuation of second sheet) (January 2004)					

Information on patent family members

International Application No
PCT/EP2004/009283

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6430528	B1	06-08-2002	NONE		
EP 1326478	A	09-07-2003	EP	1326478 A2	09-07-2003

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-/EP2004/009283

According to Indemnational Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Maintrain occurrentation asserted (classification system followed by classification symbols) IPC 7 HO4R G10L Documentation searched other than minimum documentalism to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO—Internal, WPI Data, PAJ, INSPEC, COMPENDEX C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Catelon of document, with indication, where appropriate, of the relevant passages A WITTKOP, T AND HOHMANN, V.: "Strategy-selective noise reduction for binaural digital hearing aids" SPEECH COMMUNICATION, vol. 39, January 2003 (2003-01), pages 111-138, XP002266432 page 111 - page 125; figure 8 page 136 - page 137 A MITTKOP I ET AL: "SPEECH PROCESSING FOR HEARING ALDS: NOISE REDUCTION MOTIVATED BY MODELS OF BINAURAL INTERACTION" ACTA ACUSTICA, EDITIONS DE PHYSIQUE. LES ULIS CEDEX, FR, vol. 83, no. 4, 1997, pages 684-699, XP002843158 abstract; figure 6 X Further document but published on or after the International fitting date or other special response for protry disting or regional from the published on or after the International fitting date or other special response is specified on the search of the process of the search of the	A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04R25/00 G10L21/02 H04R3/00						
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search forms used) EPO—Internal, WPI Data, PAJ, INSPEC, COMPENDEX C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Catation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. A WITTKOP, T AND HOHMANN, V.: "Strategy-selective noise reduction for binaural of lightal hearing aids" SPEECH COMMUNICATION, vol. 39, January 2003 (2003-01), pages 111-138, XP002266432 page 111 - page 125; figure 8 page 136 - page 137 A WITTKOP T ET AL: "SPEECH PROCESSING FOR HEARING AIDS: NOISE REDUCTION MOTIVATED BY MODELS OF BINAURAL INTERACTION" ACTA ACUSTICA, EDITIONS DE PHYSTQUE. LES ULIS CEDEX, FR, vol. 83, no. 4, 1997, pages 684-699, XP000884158 abstract; figure 6 X Fourther documents are listed in the continuation of box C. *Special categories of cited documents: **C earlier document but published on or after the international filing date considered to be explicitled intervalses. **C considered to be explicitled intervalses. **C concument of particular relevances the claimed invention contacted to the explicit with the application but is claim of a moral disclosure, use, exhibition or "Po document published prior to the international filing date or contacted to the proficilled references to the iSA contact is combined with one or more other such document is incombined with one or more other such document is incombined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is c	Minimum do	ocumentation searched (classification system followed by classification	on symbols)				
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EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX C.DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages A WITTKOP, T AND HOHMANN, V.: "Strategy-selective noise reduction for binaural digital hearing aids" SPEECH COMMUNICATION, vol. 39, January 2003 (2003-01), pages 111-138, XP002266432 page 111 - page 125; figure 8 page 136 - page 137 A WITTKOP T ET AL: "SPEECH PROCESSING FOR HEARING AIDS: NOISE REDUCTION MOTIVATED BY MODELS OF BINAURAL INTERACTION" ACTA ACUSTICA, EDITIONS DE PHYSTQUE. LES ULIS CEDEX, FR, vol. 83, no. 4, 1997, pages 684-699, XP000884158 abstract; figure 6 Z Petent family members are listed in snex. **Special categories of cited documents: "c' earlier document diffining the general state of the art which is not considered to be of particular relevance "c' earlier document but published on or after the international filing date "c' earlier document but published on or after the international filing date "c' earlier document but published on or after the international filing date "c' earlier document but published on or after the international filing date "c' earlier document but published on or after the international filing date "c' earlier document but published on or after the international filing date or international filing date "c' earlier document but published on or after the international filing date or international filing date or document or particular relevance, the claimed invention cannot be considered frowled or cannot be considered to over document to particular relevance, the claimed invention cannot be considered frowled or cannot be considered in over or cannot be c							
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